providing each of the integrated pieces of information with a priority order indicating an importance of each piece of information; and

when one or more pieces of information are processed in said vehicle, allocating one or more appropriate resources selected from a plurality of diversified resources to the integrated pieces of information according to the priority order given to the integrated pieces of information.

4. (Amended) A vehicle information processing method according to claim 1 wherein the diversified resources include one or more information communicating means prepared for each organ of sense so as to communicate the information to a driver by appealing to a combination of one or more organs of sense.

5. (Amended) A vehicle information processing method according to claim 4 wherein the diversified resources include one or more information communicating styles corresponding to a characteristic of each information communicating means.

6. (Amended) A vehicle information processing method according to claim 4 wherein the diversified resources include an information communicating style suitable for the driver to grasp a situation.

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7. (Amended) A vehicle information processing method according to claim 4 wherein the diversified resources include an information communicating style suitable for the driver to recognize a reaction which he should take.

8. (Amended) A vehicle information processing method according to claim 4 wherein, when communicating the information to the driver using an appropriate resource selected from said diversified resources, a combination of one or more appropriate resources is selected from said diversified resources based on a combination of one or more of the quantity of information to be communicated, a content thereof, an appropriate communication timing, importance of said information and information communicating capacity inherent of each of said diversified resources, so as to communicate the information to the driver using the selected resources.

9. (Amended) A vehicle information processing method according to claim 1 wherein the diversified resources include a self-traveling control means having a function for controlling self-traveling of said vehicle based on the same information.

10. (Amended) A vehicle information processing method according to claim 9 wherein said self-traveling control means has a function for controlling at least one of a speed of said vehicle and a steering angle thereof based on said information so as to aim at the self-traveling of said vehicle.

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A2 Cancld.

11. (Amended) A vehicle information processing apparatus for processing diversified pieces of information in a vehicle, including a message comprising at least one of a message arriving at the vehicle and a message generated in the vehicle, comprising:

a priority order control means for integrating said diversified pieces of information and providing each of the integrated pieces of information with a priority order indicating an importance of each piece of information; and

a resource allocation control means for, when one or more pieces of information are processed in said vehicle, allocating one or more appropriate resources selected from a plurality of diversified resources to the integrated pieces of information according to the priority order given to the integrated pieces of information.

A3 Cont.

14. (Amended) A vehicle information processing apparatus according to claim 11 wherein the diversified resources include one or more information communicating means prepared for each organ of sense so as to communicate the information to a driver by appealing to a combination of one or more organs of sense.

15. (Amended) A vehicle information processing apparatus according to claim 14 wherein the diversified resources include one or more information communicating styles corresponding to a characteristic of each information communicating means.

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16. (Amended) A vehicle information processing apparatus according to claim 14 wherein the diversified resources include an information communicating style suitable for the driver to grasp a situation.

A3 cont.

17. (Amended) A vehicle information processing apparatus according to claim 14 wherein the diversified resources include an information communicating style suitable for the driver to recognize a reaction which he should take.

18. (Amended) A vehicle information processing apparatus according to claim 14 wherein said resource allocation control means, when allocating appropriate resources for communicating the information which is an objective of communication, selects a combination of one or more appropriate resources from said diversified resources, based on a combination of one or more of the quantity of information, a content thereof, an appropriate communication timing and importance of said information and information communicating capacity inherent of each of said diversified resources and

said information communicating means selected by said resource allocation control means communicates the information to the driver using the resources selected by said resource allocation control means.

19. (Amended) A vehicle information processing apparatus according to claim 11 wherein the diversified resources include a self-traveling control means

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having a function for controlling self-traveling of said vehicle based on the same information.

#13 Cancld.

20. (Amended) A vehicle information processing apparatus according to claim 19 wherein said self-traveling control means has a function for controlling at least one of a speed of said vehicle and a steering angle thereof based on said information so as to aim at the self-traveling of said vehicle.

21. (Amended) A vehicle and a vehicle information processing apparatus for processing diversified pieces of information, including a message comprising at least one of a message arriving at the vehicle and a message generated in the vehicle, comprising:

a priority order control means for integrating said diversified pieces of information and providing each of the integrated pieces of information with a priority order indicating an importance of each piece of information; and

a resource allocation control means for, when one or more pieces of information are processed in the vehicle, allocating one or more appropriate resources selected from a plurality of diversified resources to the integrated pieces of information according to the priority order given to the integrated pieces of information.

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REMARKS

Claims 1-21 are pending in the application. Claims 1, 4-11, and 14-21 have been amended to more appropriately claim the invention.